

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: MICHAEL W. MARCELLIN, ALI BILGIN and ZHENYU WU

DOCKET NO.: 122170.00002US

INTERNATIONAL APPL. NO.: PCT/US03/36213

INTERNATIONAL FILING DATE: 15 November 2003 (15.11.2003)

PRIORITY APPLICATION: US 60/426,830

PRIORITY DATE CLAIMED: 15 November 2002 (15.11.2002)

TITLE: Methods for Decoding Corrupt JPEG2000 Codestreams

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Gavin J. Milczarek-Desai  
Quarles & Brady Streich Lang  
One South Church Ave., Suite 1700  
Tucson, AZ 85701

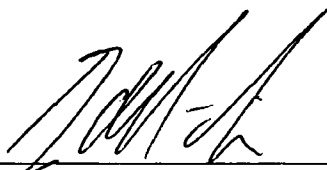
INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, applicants wish to make of record the items on attached PTO Form 1449. In accordance with 37 CFR 1.98(a)(2), copies of the literature articles are provided.

Applicants believe that none of the foregoing referenced material, alone or in combination, anticipates or renders obvious their invention.

Respectfully submitted,

  
\_\_\_\_\_  
Gavin J. Milczarek-Desai  
Reg. No. 45,801

Date: 5-11-05

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	2
-------	---	----	---

**Complete if Known**

Application Number	
Filing Date	10/534620
First Named Inventor	Michael W. Marcellin
Art Unit	2624
Examiner Name	ANH HONG DO
Attorney Docket Number	122170.00002US

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

**Examiner  
Signature**

Date  
Considered

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.D./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/534620
		Filing Date	
		First Named Inventor	Michael W. Marcellin
		Art Unit	2624
		Examiner Name	ANH HONG DO
Sheet 2 of 2	Attorney Docket Number	122170.00002US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MARCELLIN, et al. An Overview of JPEG-2000. Data Compression Conference 2000, pages 1-19, especially pages 6-14.	
		SANCHEZ et al. Robust Transmission of JPEG2000 Images Over Noisy Channels. IEEE June 2002, pages 451-456, especially pages 451-453.	
		CHIANG et al. Efficient Pass-Parallel Architecture for EBCOT in JPEG2000. IEEE May 2002, pages 773-776.	
		MAN et al. An Error Resilient Coding Technique for JPEG2000. IEEE 2000, pages 3640367	
		TAUBMAN et al. JPEG2000; Standard for Interactive Imaging. IEEE August 2002, pages 1336-1357.	
		LEE et al. Bit-Plane Error Recovery Via Cross Subband for Image Transmission in JPEG2000. IEEE August 2002, pages 149-152.	
		PAVLIDIS et al. JPEG2000 Over Noisy Communication Channels the Cost Analysis Aspect. IEEE June 2002, pages 561-564.	
		WU et al. Unequal Error Protection for Transmission of JPEG2000 Codestreams Over Noisy Channels. IEEE September 2002, pages 213-216.	

Examiner Signature	/Anh Do/	Date Considered	09/15/2008
--------------------	----------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.D./